

FIG. 1

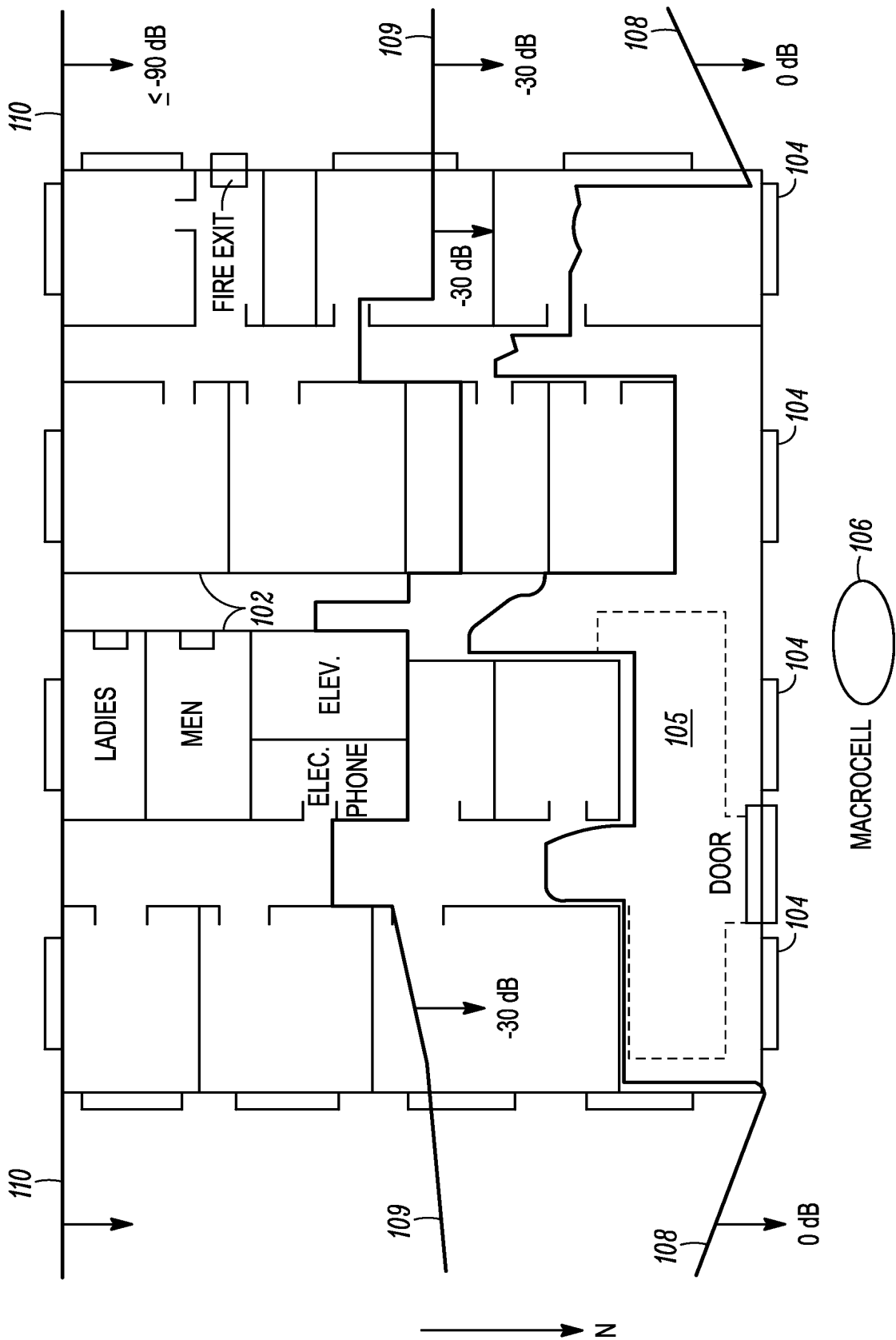


FIG. 2



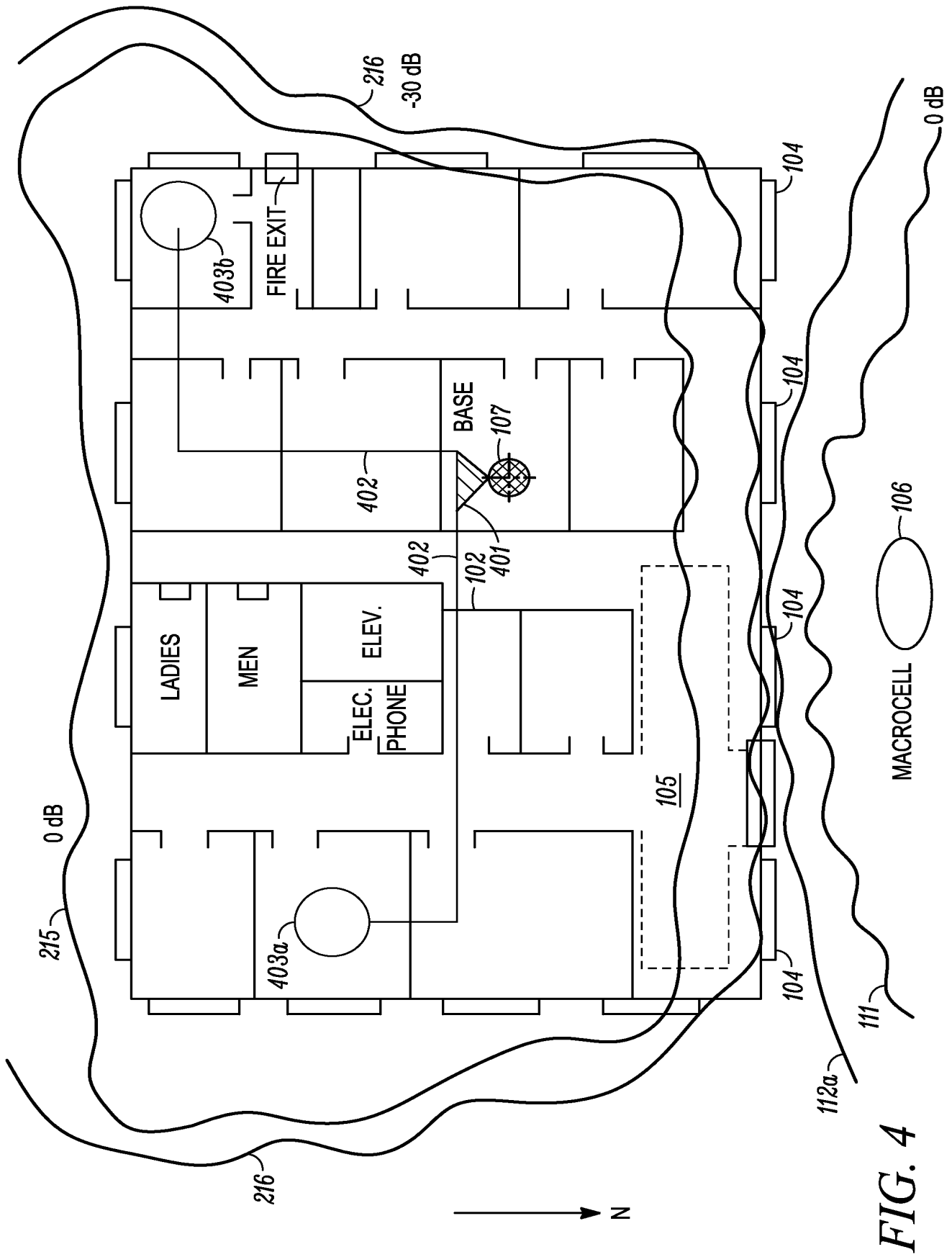


FIG. 4

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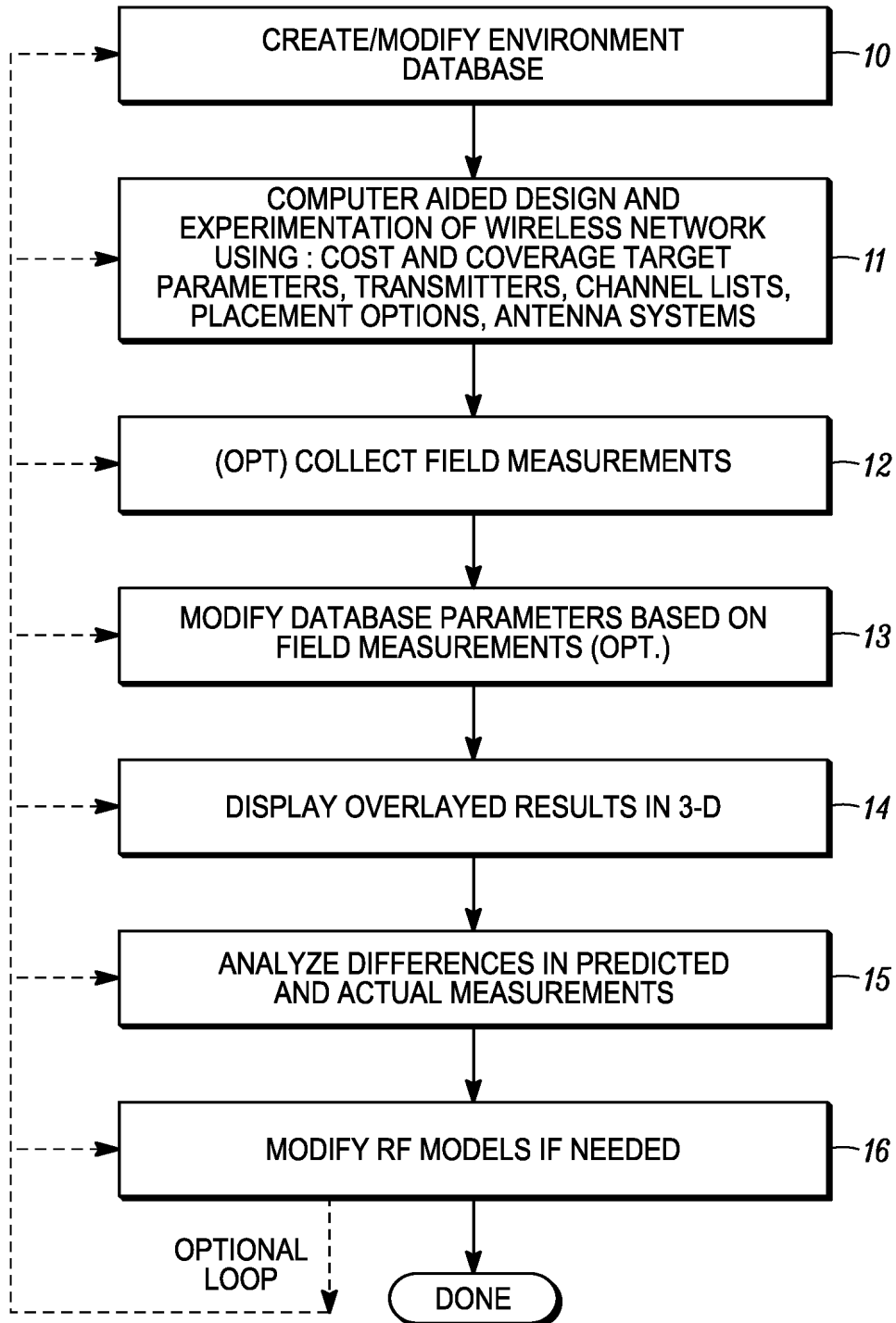


FIG. 5

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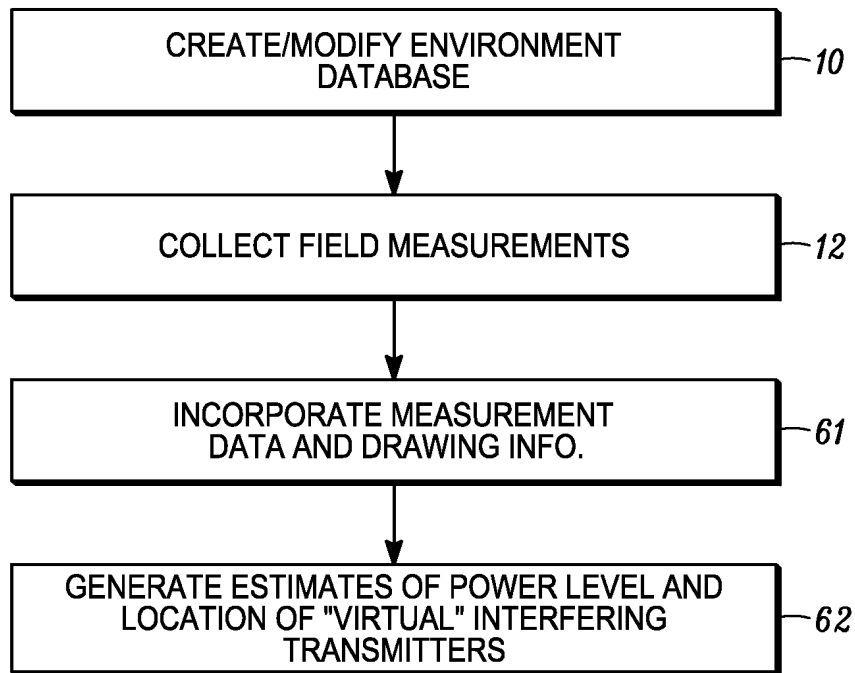


FIG. 6

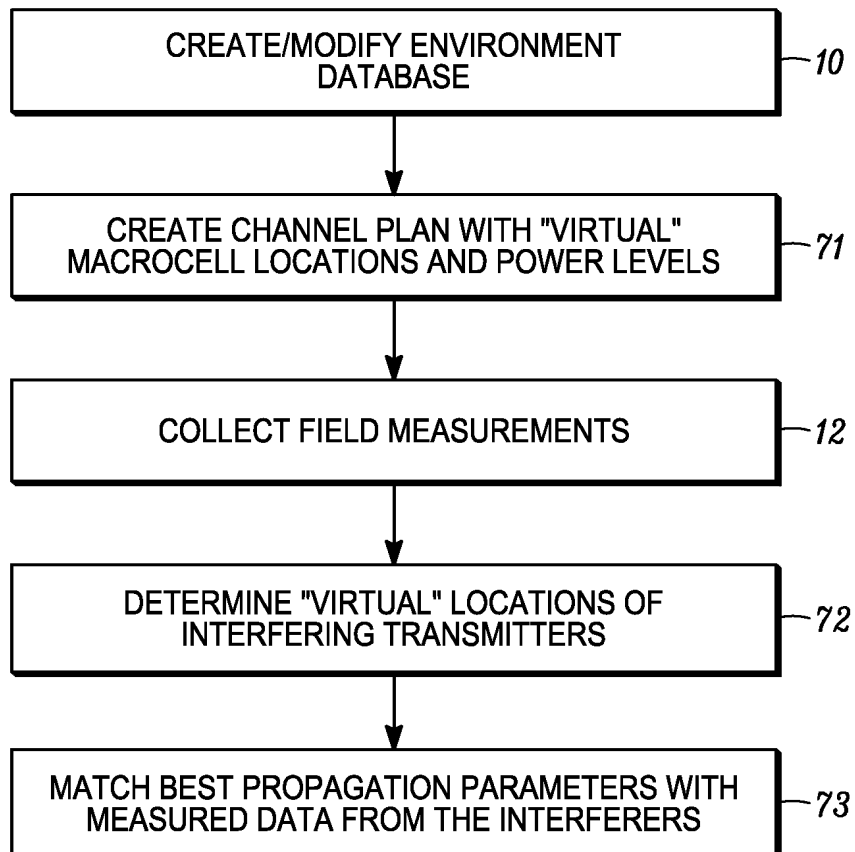


FIG. 7

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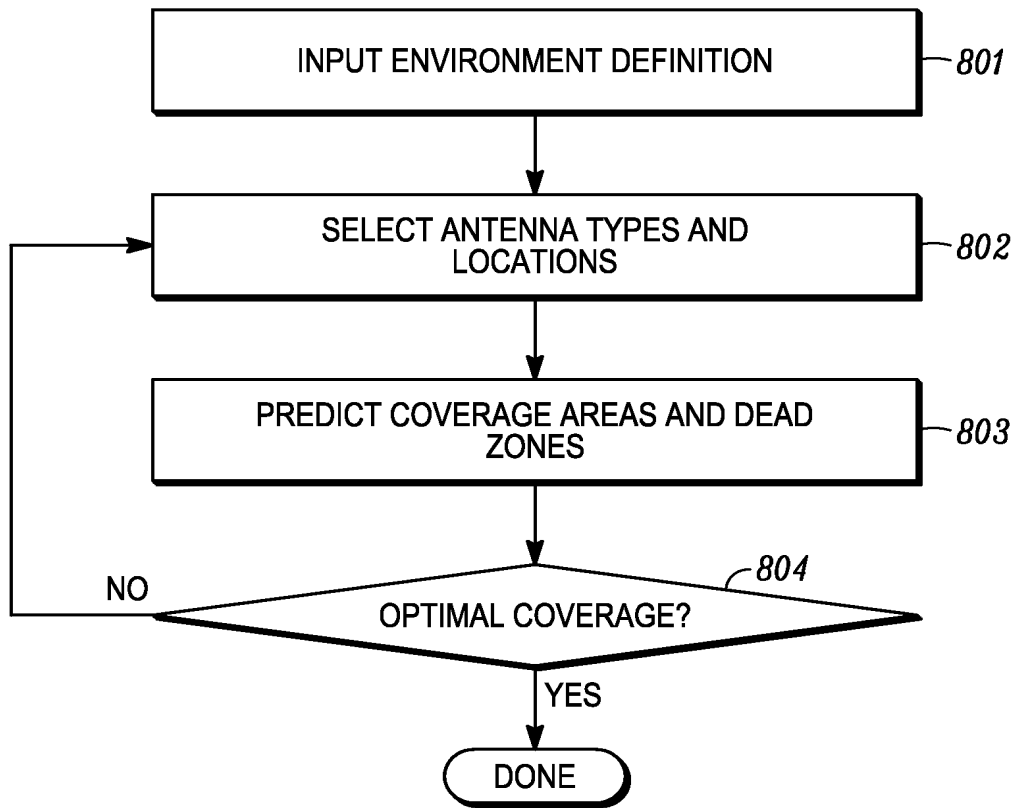


FIG. 8

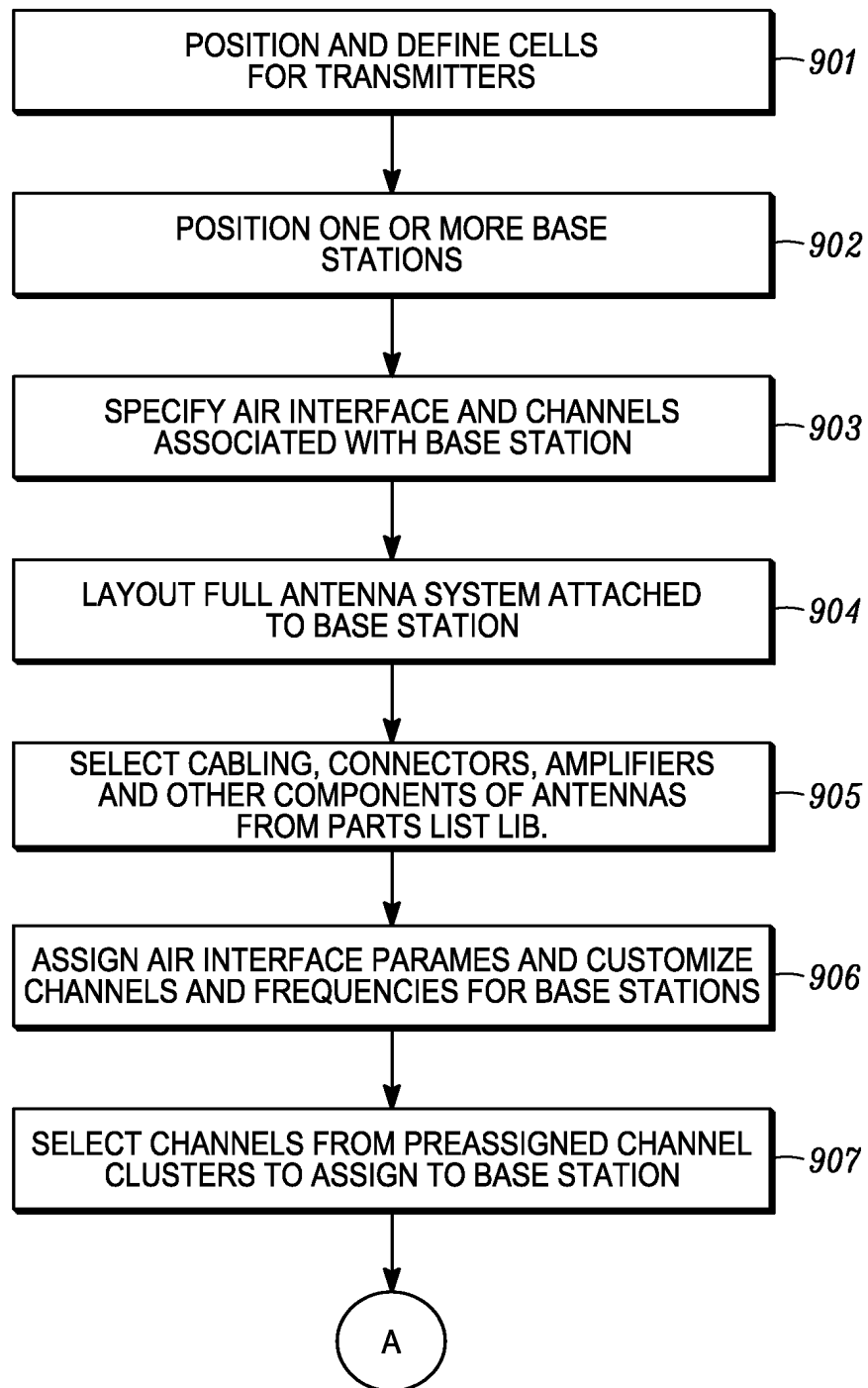


FIG. 9A

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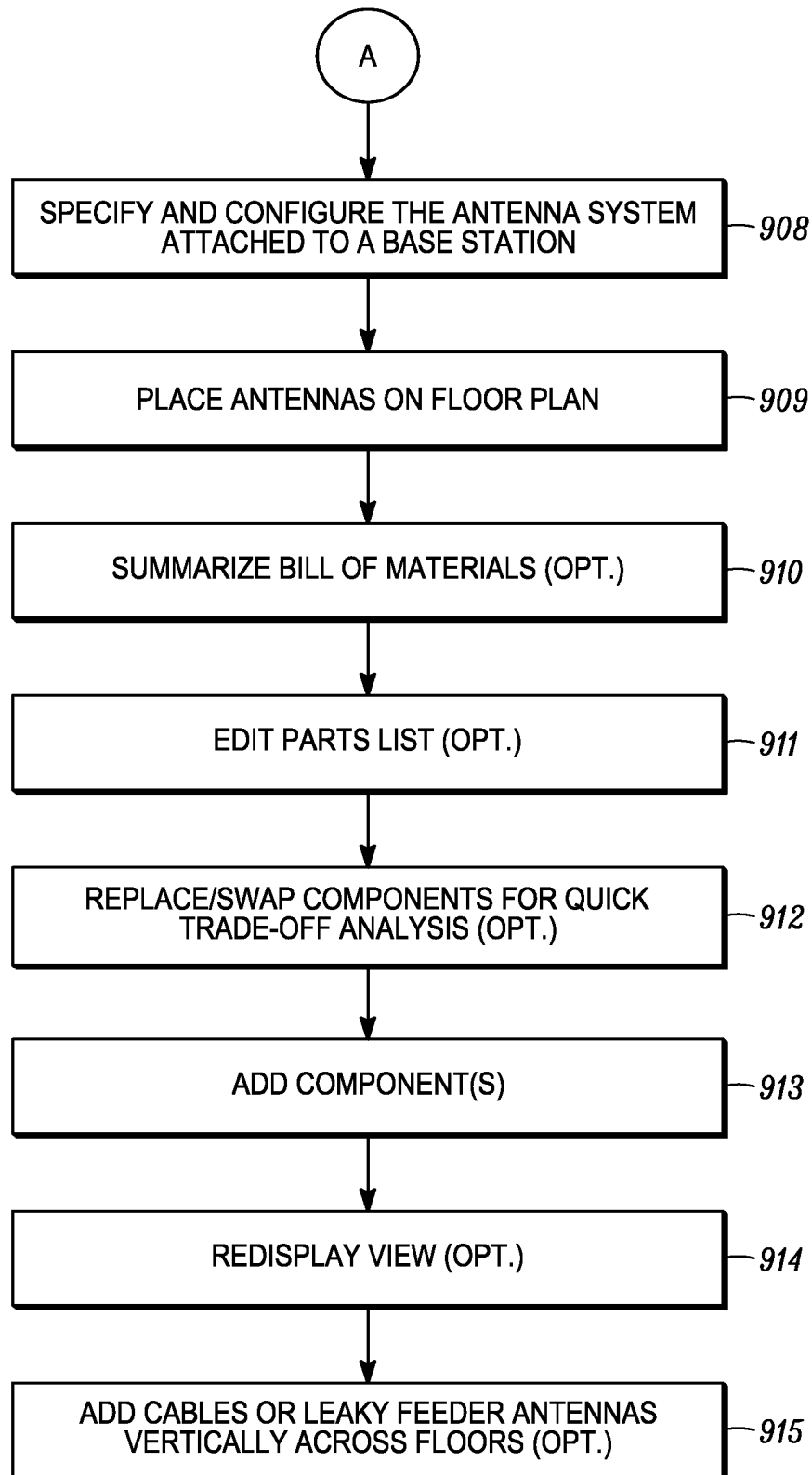


FIG. 9B

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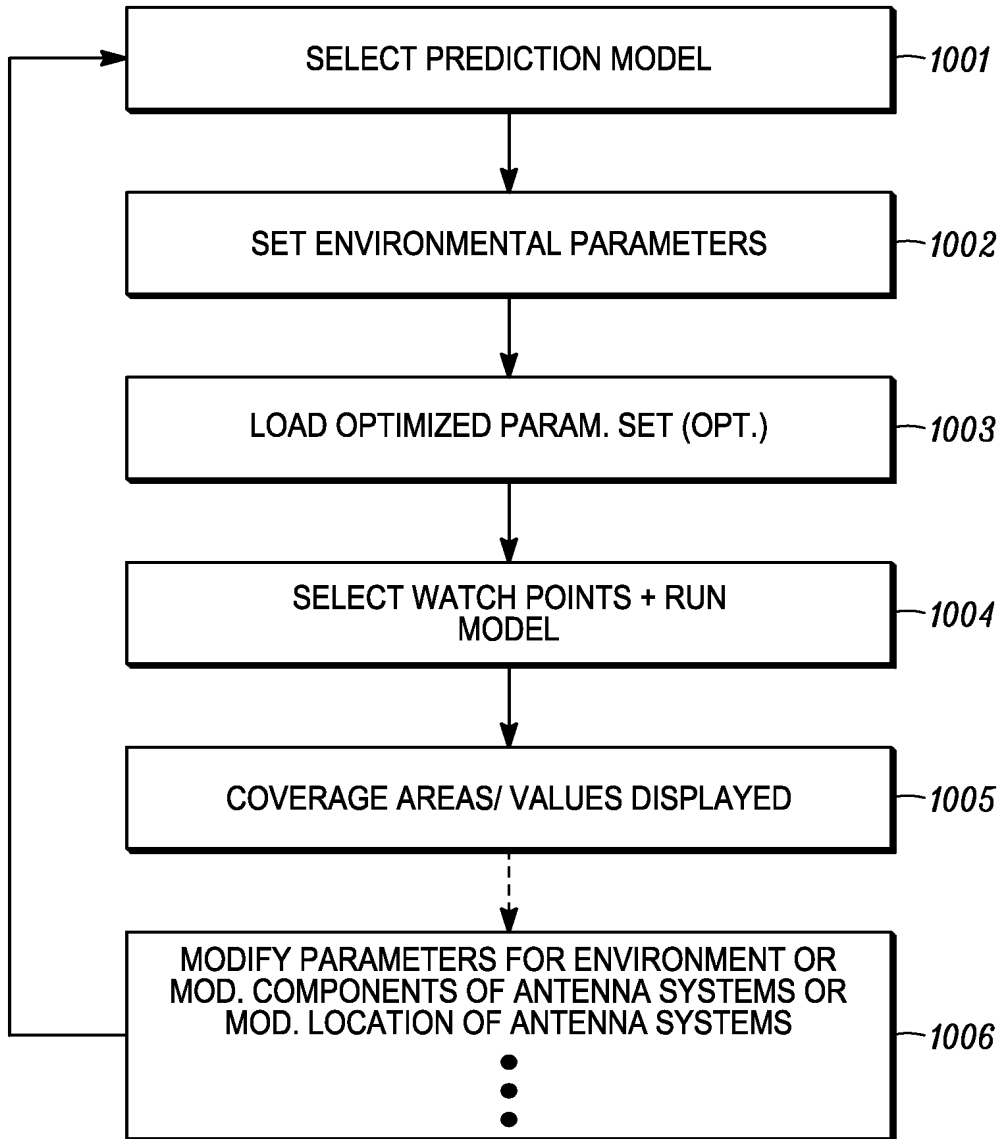


FIG. 10

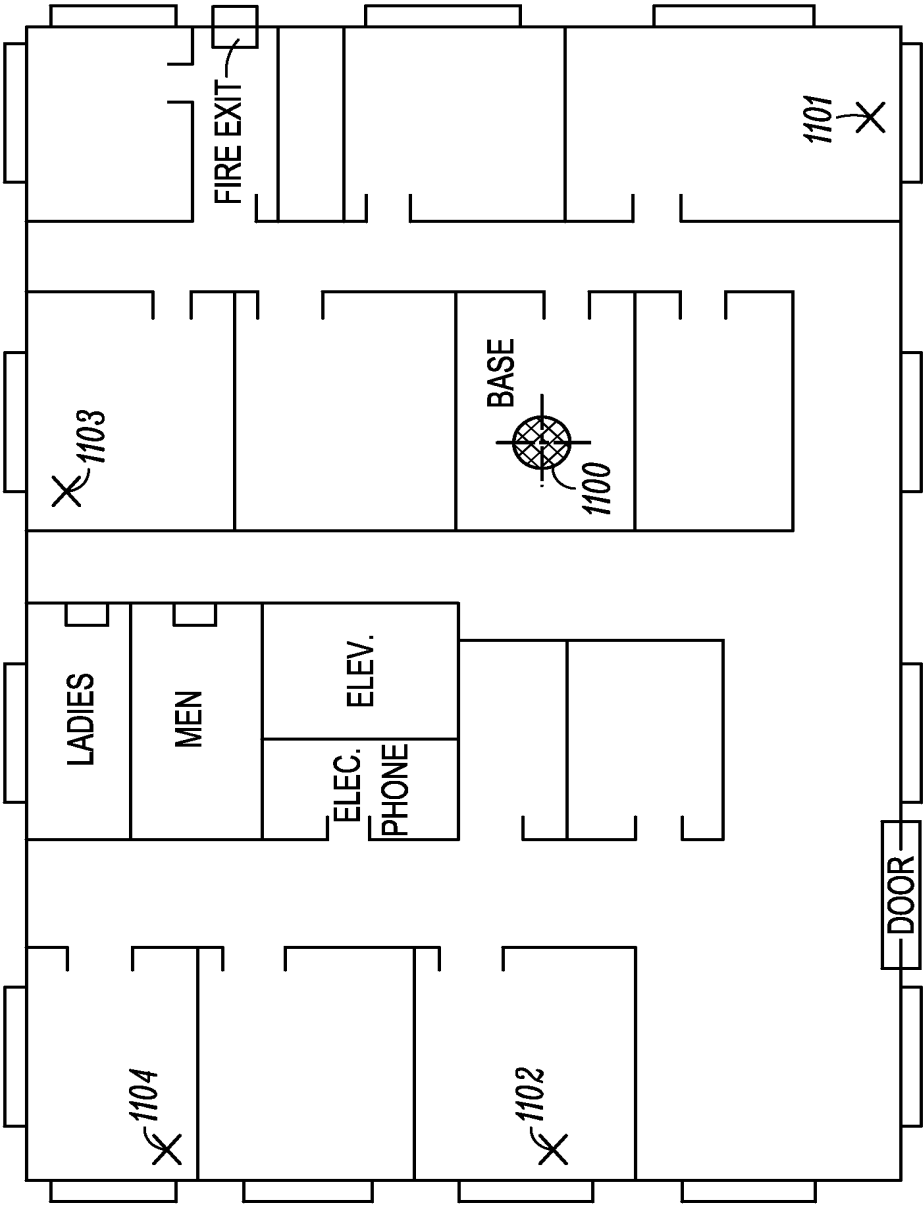


FIG. 11

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ANTENNA POSITION MODE PREDICTION CONTROL ✕	
CDMA1 ALLEN TEL dB OMNI PCN 1850-1990 360 DEG 6.00 dB GAIN	
WATCH POINTS	
1 - FLOOR1, 67.71, 3.83, 1.80 2 - FLOOR1, 54.11, 25.25, 1.80 3 - FLOOR1, 33.67, 24.34, 1.80 4 - FLOOR1, 33.46, 8.05, 1.80	
ADD WATCH POINT	REMOVE WATCH POINT
FLOOR	1 ▼
MOBILE RECEIVER PARAMETERS	
PREDICT —	
<input checked="" type="radio"/> RSSI	<input type="radio"/> SIR <input type="radio"/> SNR
ANTENNA POSITIONING OPTIONS —	
<input checked="" type="radio"/> LEFT CLICK ON LOCATION	<input type="radio"/> TRACK MOUSE MOVEMENT
OK	CANCEL

FIG. 12

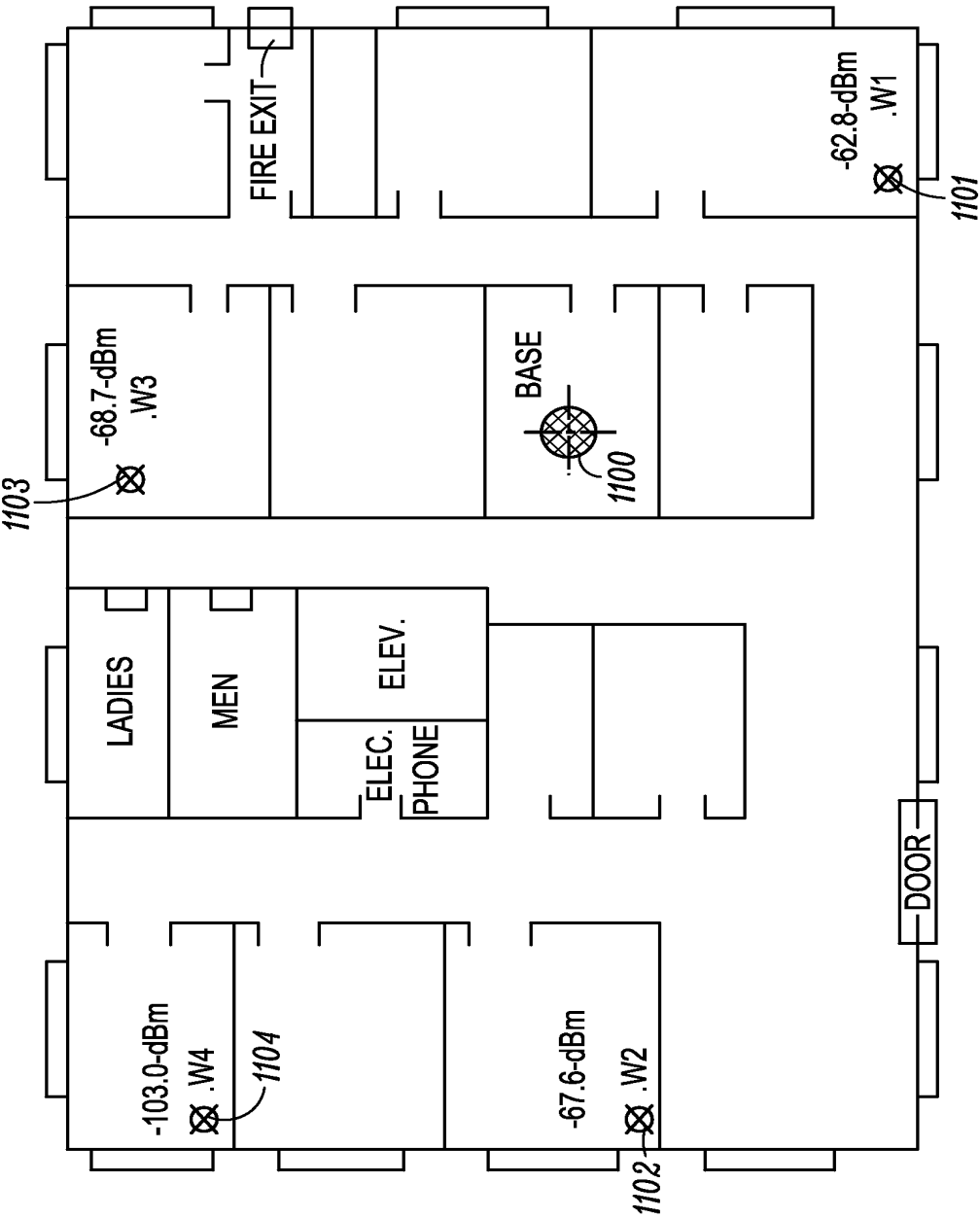


FIG. 13

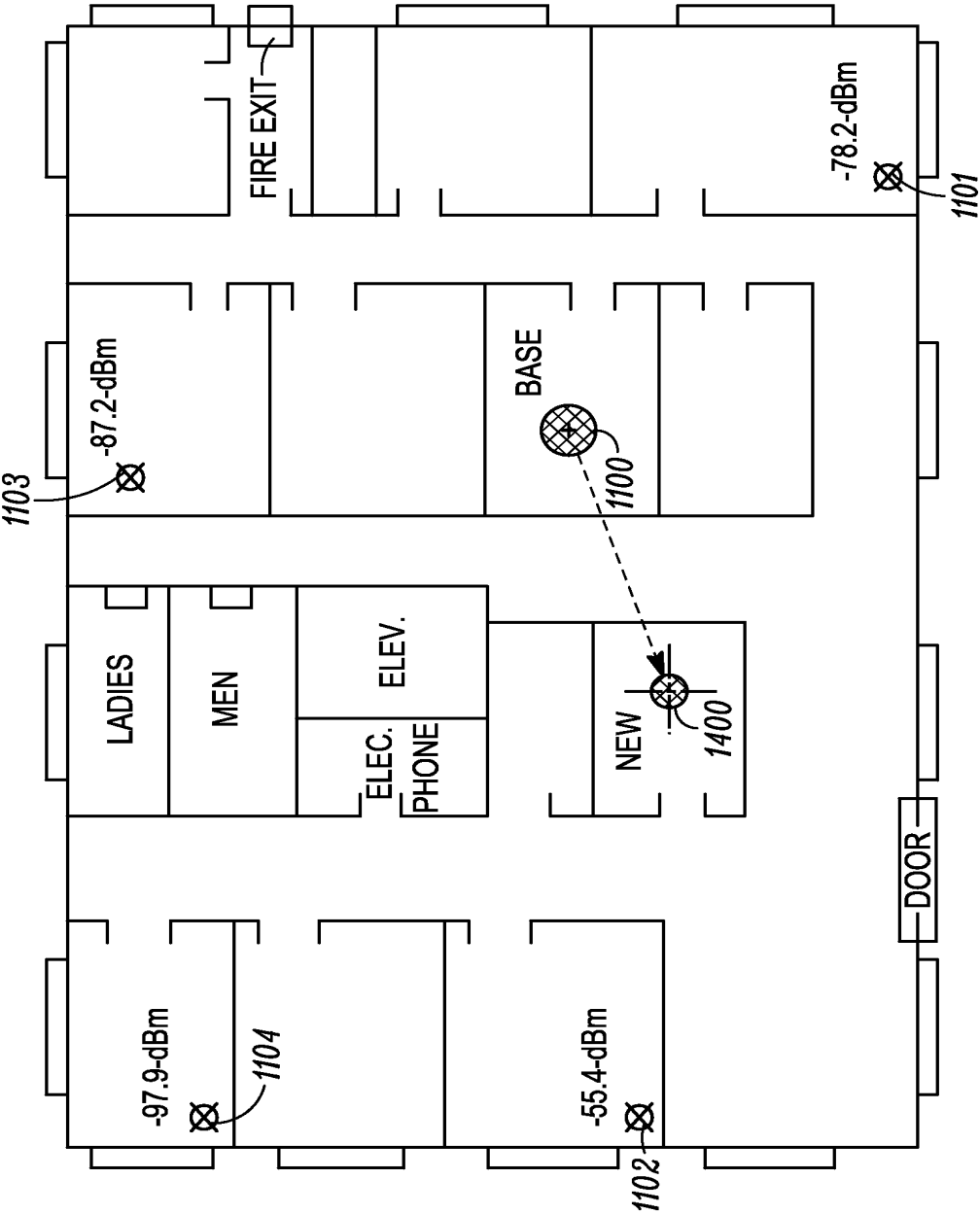


FIG. 14

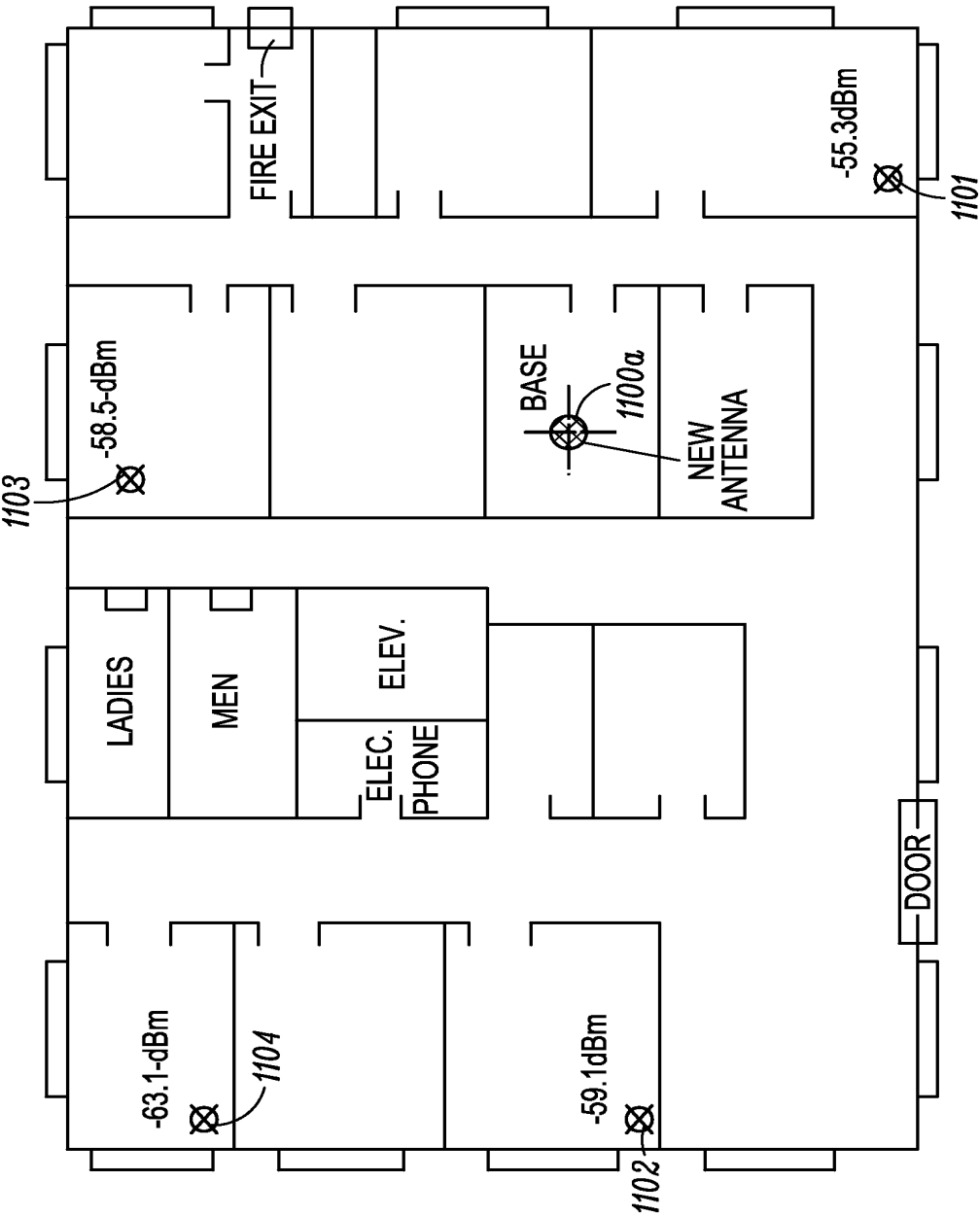


FIG. 15

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BILL OF MATERIALS FOR CURRENT DRAWING

1610 {
SUBTOTAL (EXCLUDING BASE STATION CDMA1): \$ 0.00
BASE STATION: MACROCELL
DESCRIPTION: CDMA MACROCELL
FLOOR 1
POSITION: 84.3, 44.0, 1.8
CHANNEL SET: MACROCELL: IS-95A CDMA DEFAULT
SUBCHANNEL SET: DEFAULT CHANNEL SET
TXPOWER: 10.00 dBm
RF BANDWIDTH: 1.25 MHz
RECEIVER NOISE FIGURE: 0.00 dB
CHANNELS ASSIGNED TO BASE STATION
1

1611 {
-- NAME: ALLEN PCN PANEL 1710-1990 92 DEG 9.00 dB GAIN
TYPE: ANTENNA_POINT
MANUFACTURER: ALLEN TELECOM
PART NUMBER: DB972 1850
FREQUENCY: 1710-1990 MHz
PATTERN FILE: 972_185.ant
FLOOR 1
POSITION: 84.3, 44.0, 1.8
COST: \$0.00 **1612**

SUBTOTAL (EXCLUDING BASE STATION MACROCELL): \$0.00 **1613**
TOTAL COST (EXCLUDING BASE STATIONS): \$0.00 **1614**

SAVE TO ASCII FILE OK

FIG. 16

1611 {

BILL OF MATERIALS FOR CURRENT DRAWING

TYPE: ANTENNA_POINT
MANUFACTURER: ALLEN TELECOM
PART NUMBER: DB972 1850
FREQUENCY: 1710-1990 MHz
PATTERN FILE: 972_185.ant
FLOOR 1
POSITION: 84.3, 44.0, 1.8
COST: \$250.00 1612a

1720 {

-- NAME : 7/8", 50-ohm FOAM DIELECTRIC COAXIAL CABLE"
TYPE: CABLE
MANUFACTURER: ANDREW
PART NUMBER: LDF5*
FREQUENCY: 2000 MHz
LENGTH: 120.41 m (395.06ft)
LOSS PER 100 m: 6.46 dB
TOTAL LOSS: 7.78 dB
POSITION:
VERTEX0: 10.6, 0.8, 1.8
VERTEX1: 1.7, 2.8, 1.8
VERTEX2: 1.7, 31.0, 1.8
VERTEX3: 35.3, 31.0, 1.8
VERTEX4: 35.3, 23.5, 1.8
VERTEX5: 65.4, 23.6, 1.8
VERTEX6: 72.6, 32.0, 1.8
COST: \$85.00 — 1721

SUBTOTAL (EXCLUDING BASE STATION MACROCELL): \$470.00 1613a

TOTAL COST (EXCLUDING BASE STATIONS): \$470.00 1614a

SAVE TO ASCII FILE OK

FIG. 17

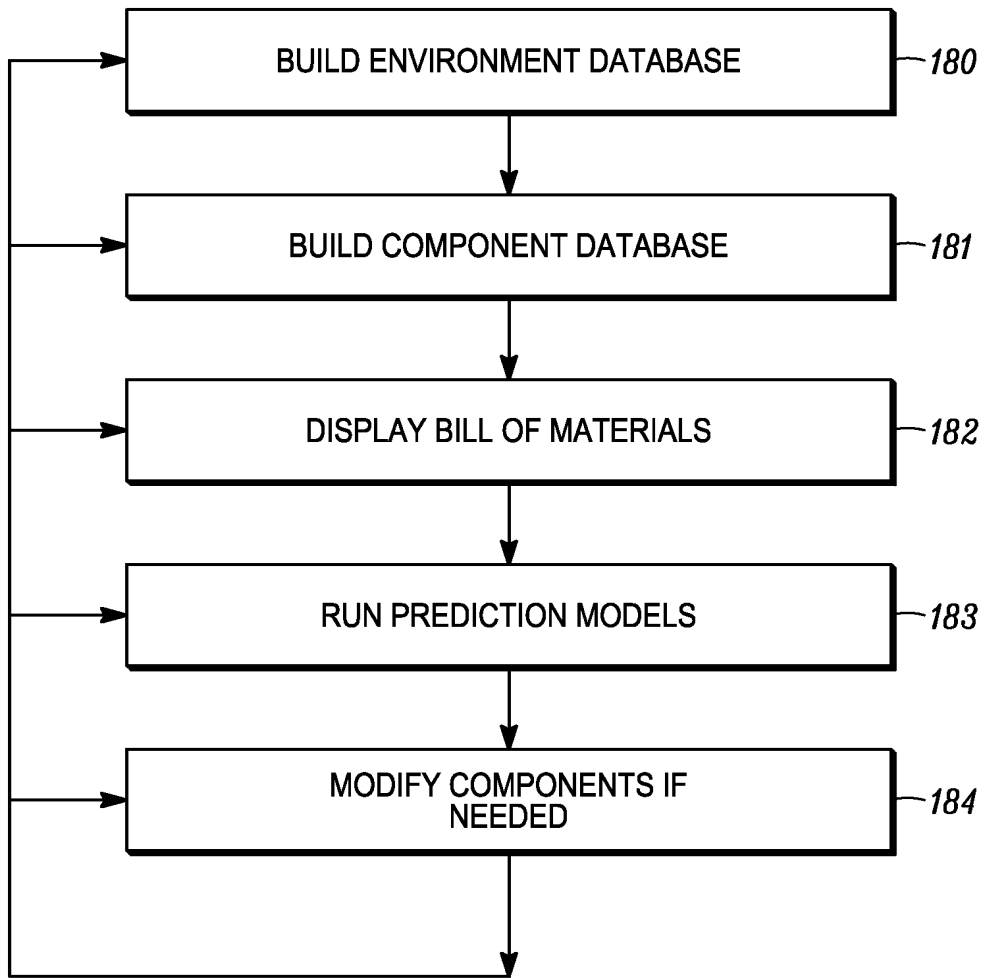


FIG. 18

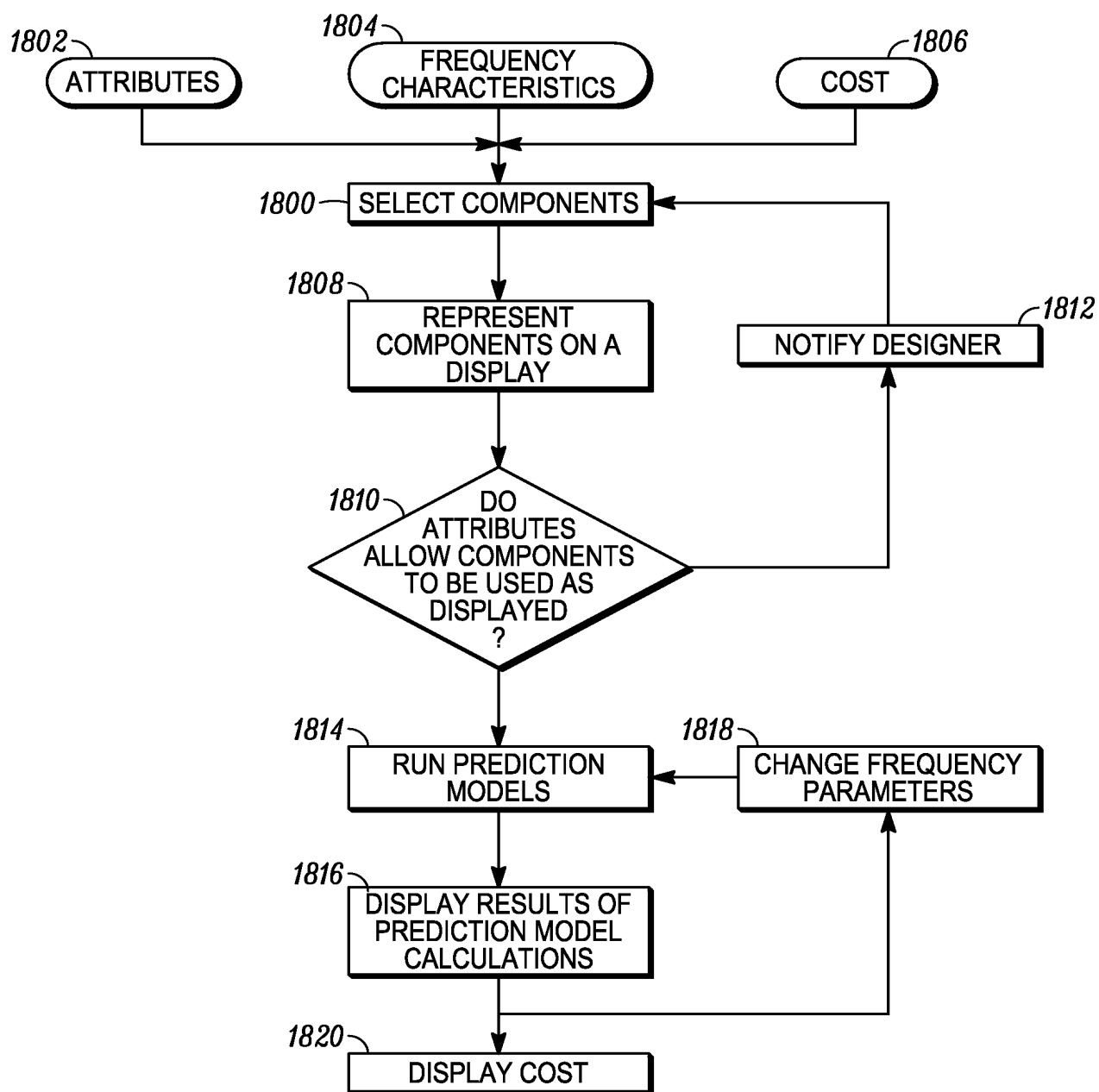


FIG. 19

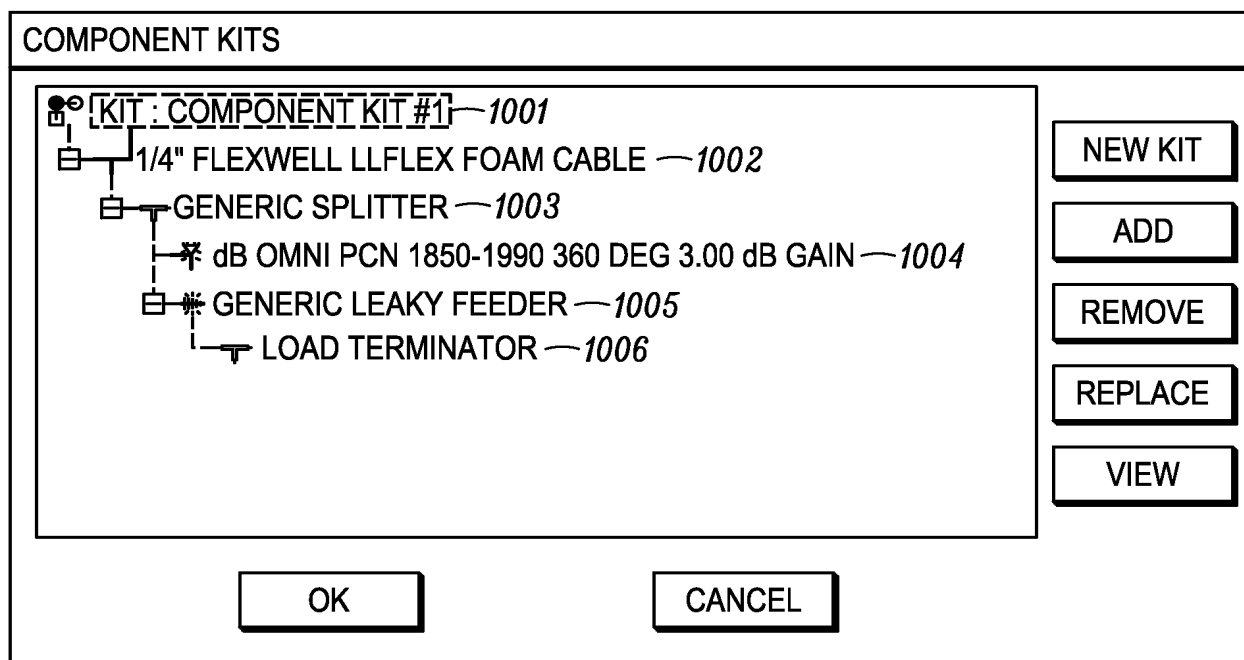


FIG. 20

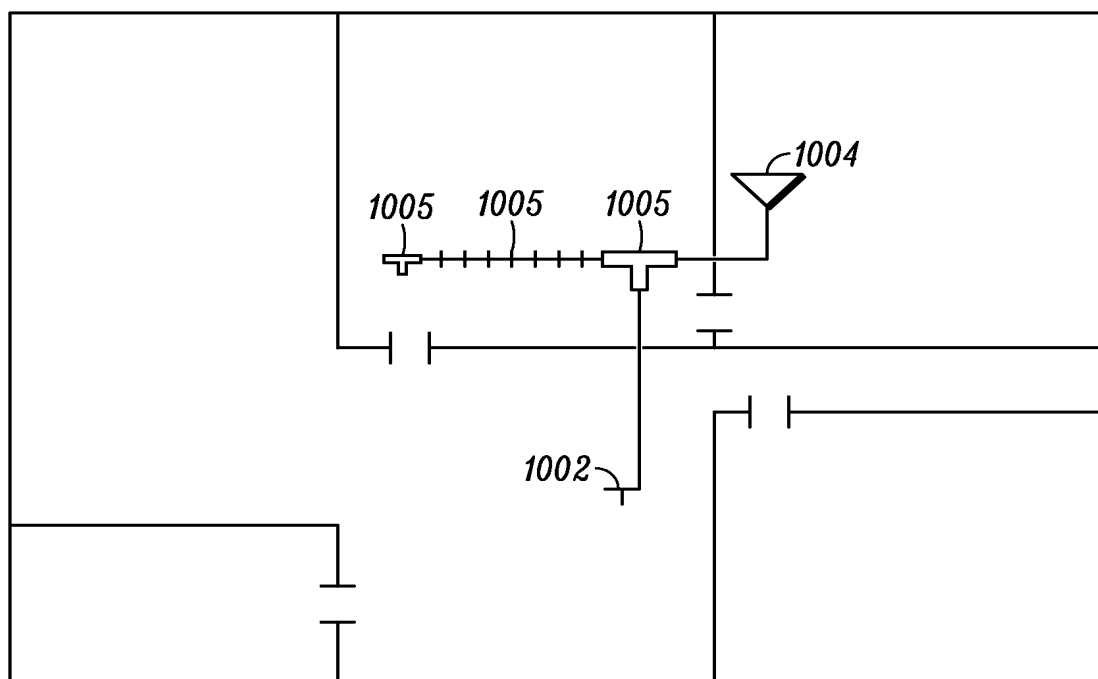


FIG. 21